



Formula: C₁₀H₁₄O

MW: 150.22

CAS: 1196-01-6

MDL: MFCD00001343

TNP: TNP00393

(1S)-(-)-pin-2-en-4-one; 2-Pinen-4-one, (1S,5S)-(-)-;
6,6-trimethyl-(1s)-bicyclo[3.1.1]hept-3-en-2-on; Bicyclo[3.1.1]hept-3-en-2-one, 4,6,6-trimethyl-,
(1S)-; Bicyclo[3.1.1]hept-3-en-2-one,4,6,6-trimethyl-,; Verbenone,(l); (1S)-(-)-VERBENONE;
(1S,5S)-2-PINEN-4-O



LogP: 3.55

LogS: -4.33

Acceptors: 1

Donors: 0

Rotation Bonds: 0

Chiral Centers: 2

N+O: 1

LIPINSKY: 4

Oil: LIQUID

Info: L(-)-Verbenone 94%

IUPAC: (1S,5S)-4,6,6-trimethylbicyclo[3.1.1]hept-3-en-2-one

Smiles: C1(C2C(C)=CC(C1C2)=O)(C)C

Specification: Miscellaneous Natural Products; Bicyclic Monoterpenes; Biochemistry; Terpenes
(-)-VERBENONE Chemical Properties:

bp 227-228 C(lit.) density 0.975 g/mL at 20 C(lit.) refractive index n₂₀/D 1.496(lit.) FEMA 4216
Fp 185 F storage temp. 2-8C CAS DataBase Reference 1196-01-6(CAS DataBase Reference)
Safety 24/25 WGK Germany 3 F 10(-)-VERBENONE Usage And Synthesis Chemical
Properties:

Clear light yellow to yellow liquid (-)-VERBENONE